

MISSOURI DEPARTMENT OF NATURAL RESOURCES

MEMORANDUM

Date: *Sept. 21, 1990*

To: *GENE PARIST, SPRINGFIELD SANITARY SERVICES*

From: *CHUCK KROEGER, MDNR*

Subject: *ATTACHED SAMPLE RESULTS.*

On July 30, 1990, George Parsons collected a sample of the water from the gas line ditch behind the Glen Isle Shopping Center and shipped it to the MDNR Lab in Jefferson City. The lab analyzed it for volatile organics.

A copy of the lab report for the sample and the field blank are enclosed. I spoke with Larry Cohen of the Lab Services Program and he interpreted the results to indicate there was a paint related material, possibly a solvent present. In evaluating the circumstances around the sample and the presence of the film on the water, Larry said he felt the organics may have been due to a one time disposal rather than a leaking tank or ongoing dumping or spillage. He felt we would be spinning our wheels if we tried to pursue the matter further.

If there is an underground storage tank in the area which is used to store solvents, it could be the source and we would be willing to further investigate the matter. If there isn't, we probably will put this on the back burner. I am checking with our records people on the possibility of there being a tank. If you know of one, you might give us a call.

SEP 25 1990

Christopher S. Bond Governor
Fred A. Lafser Director

Division of Environmental Quality
Robert J. Schreiber Jr., P.E. Director

JOHN ASHCROFT
Governor



G. TRACY MEHAN III
Director

Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

P.O. Box 176
Jefferson City, MO 65102

LABORATORY SERVICES PROGRAM
RESULT OF SAMPLE ANALYSIS

Sample No. 90-2685

RECEIVED

AUG 31 1990

Reported to: GEORGE R. PARSONS
Affiliation: SWRO

Date: 8/29/90
Project Code: 3221/3000

Sample Description:
CITY OF SPRINGFIELD
IN ALLEY BEHIND GLEN ISLE CENTER
GREENE COUNTY (GRAB)

Collected by: GEORGE R. PARSONS
Affiliation: SWRO

Date: 07/30/90

PARAMETERS

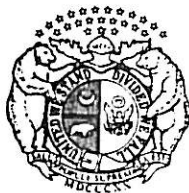
RESULTS

Acrolein	Not analyzed
Acrylonitrile	Not analyzed
Acetone	< 5000 ug/L
Benzene	< 1200 ug/L
Bromomethane	< 1200 ug/L
Bromodichloromethane	< 1200 ug/L
Bromoform	< 1200 ug/L
2-Butanone	44000 ug/L
Carbon Disulfide	< 1200 ug/L
Carbon Tetrachloride	< 1200 ug/L
Chlorobenzene	< 1200 ug/L
Chloroethane	< 1200 ug/L
2-Chloroethylvinyl ether	Not Analyzed
Chloroform	< 1200 ug/L
Chloromethane	< 1200 ug/L
Dibromochloromethane	< 1200 ug/L
1,1-Dichloroethane	< 1200 ug/L
1,2-Dichloroethane	< 1200 ug/L
1,1-Dichloroethylene	< 1200 ug/L
1,2-Dichloroethylene	< 1200 ug/L
1,2-Dichloropropane	< 1200 ug/L
cis-1,3-Dichloropropene	< 1200 ug/L
trans-1,3-Dichloropropene	< 1200 ug/L

SEP 25 1990



JOHN ASHCROFT
Governor



G. TRACY MEHAN III
Director

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LABORATORY SERVICES PROGRAM
RESULT OF SAMPLE ANALYSIS

RECEIVED

AUG 28 1990

Sample No. 90-2689

Reported to: GEORGE R. PARSONS
Affiliation: SWRO

Date: 8/24/90
Project Code: 3221/3000

Sample Description:
FIELD BLANK FOR SAMPLE 902685

Collected by: GEORGE R. PARSONS
Affiliation: SWRO

Date: 07/30/90

PARAMETERS

RESULTS

Acrolein	Not analyzed
Acrylonitrile	Not analyzed
Acetone	< 20 ug/L
Benzene	< 5.0 ug/L
Bromomethane	< 5.0 ug/L
Bromodichloromethane	< 5.0 ug/L
Bromoform	< 5.0 ug/L
2-Butanone	< 20 ug/L
Carbon Disulfide	< 5.0 ug/L
Carbon Tetrachloride	< 5.0 ug/L
Chlorobenzene	< 5.0 ug/L
Chloroethane	< 5.0 ug/L
2-Chloroethylvinyl ether	Not Analyzed
Chloroform	< 5.0 ug/L
Chloromethane	< 5.0 ug/L
Dibromochloromethane	< 5.0 ug/L
1,1-Dichloroethane	< 5.0 ug/L
1,2-Dichloroethane	< 5.0 ug/L
1,1-Dichloroethylene	< 5.0 ug/L
1,2-Dichloroethylene	< 5.0 ug/L
1,2-Dichloropropane	< 5.0 ug/L
cis-1,3-Dichloropropene	< 5.0 ug/L
trans-1,3-Dichloropropene	< 5.0 ug/L
Ethylbenzene	< 5.0 ug/L
2-Hexanone	< 20 ug/L

SEP 25 1990



JOHN ASHCROFT
Governor

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Sample no. 90-2685
Date 8/29/90

RECEIVED
AUG 31 1990

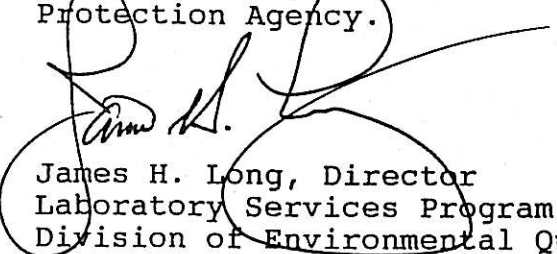
PARAMETERS

RESULTS

Ethylbenzene	430 ug/L
2-Hexanone	< 5000 ug/L
Methylene Chloride	< 5000 ug/L
4-Methyl-2-Pentanone	< 5000 ug/L
Styrene	< 1200 ug/L
1,1,2,2-Tetrachloroethane	< 1200 ug/L
Tetrachloroethylene	< 1200 ug/L
1,1,1-Trichloroethane	< 1200 ug/L
1,1,2-Trichloroethane	< 1200 ug/L
Trichloroethylene	< 1200 ug/L
Trichlorofluoromethane	Not analyzed
Toluene	32000 ug/L
Total Xylenes	1500 ug/L
Vinyl Acetate	< 5000 ug/L
Vinyl Chloride	< 1200 ug/L

COMMENTS: Analyzed by GC/MS at the Missouri
Department of Natural Resources Laboratory.

The analysis of this sample was performed in accordance with
procedures approved or recognized by the U.S. Environmental
Protection Agency.


James H. Long, Director
Laboratory Services Program
Division of Environmental Quality

cc: Jim Penfold, WPC

SEP 25 1990



JOHN ASHCROFT
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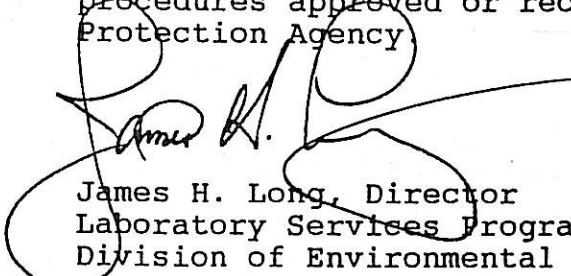
PARAMETERS

RESULTS

Methylene Chloride	< 20 ug/L
4-Methyl-2-Pentanone	< 20 ug/L
Styrene	< 5.0 ug/L
1,1,2,2-Tetrachloroethane	< 5.0 ug/L
Tetrachloroethylene	< 5.0 ug/L
1,1,1-Trichloroethane	< 5.0 ug/L
1,1,2-Trichloroethane	< 5.0 ug/L
Trichloroethylene	< 5.0 ug/L
Trichlorofluoromethane	Not analyzed
Toluene	< 5.0 ug/L
Total Xylenes	< 5.0 ug/L
Vinyl Acetate	< 20 ug/L
Vinyl Chloride	< 5.0 ug/L

COMMENTS: Analyzed by GC/MS at the Missouri
Department of Natural Resources Laboratory.

The analysis of this sample was performed in accordance with
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Laboratory Services Program
Division of Environmental Quality

cc: Jim Penfold, WPC

SEP 25 1990



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